SECTION 4
MITIGATION MONITORING PROGRAM

DTSC has prepared this MMP in accordance with Public Resources Code (PRC) Section 21081.6. The purpose of an MMP is to ensure that the changes to the project, or conditions of project approval recommended for formal adoption by DTSC in order to mitigate or avoid significant effects on the environment, are implemented. These mitigation measures have been integrated into this MMP and are organized by numbers that correspond to the numbered measures in the text of the DEIR. The specific components of each mitigation measure are summarized and the associated monitoring, reporting, and oversight responsibilities assigned.

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Aesthetics			
4-1: Limit maintenance to as early in the evening as possible and to a location not readily visible to adjacent residences to minimize the light and glare from construction equipment maintenance	Project Engineer to notify the City of Benicia of the location designated for maintenance activities, and as the location changes throughout project activities; Project Engineer to report on compliance during weekly meetings, if necessary	City of Benicia Planning Department	Notification to be given prior to the start of mobilization, and as the location changes, as necessary
Air Quality			
6-1: Implement PM_{10} fugitive dust control measures recommended by the BAAQMD to control exhaust and fugitive emissions from project activities, control soil erosion and sedimentation, and protect water quality from increased sedimentation and contaminated soil in storm water runoff (listed by activity)			
Water all active construction areas at least twice daily, if visible dust is present or if dust potential exists	Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Water unpaved roads on days when roads are in use, water active areas during ground-disturbing activities such as areawide clearance and grading

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Pave, apply water three times daily, or apply nontoxic soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites, if visible dust is present or if dust potential exists	Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Pave prior to the start of mobilization, apply water three times daily in active areas on workdays, and/or apply soil stabilizers prior to the start of mobilization, if visible dust is present or if dust potential exists, and as necessary as project activities continue
Sweep daily (with water sweepers) all paved access roads, parking areas, and staging areas at construction sites	Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Sweep daily all active paved roads, parking areas, and staging areas on workdays
Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets	Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	If soil material is visible on public streets near the Project Site, sweep daily
Cover all trucks hauling soil, sand, and other loose material, *or* require all trucks to maintain at least 2 feet of freeboard	Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Any time haul trucks are used on the Project Site, or during transit to or from the Project Site

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Hydroseed or apply (nontoxic) soil stabilizers to inactive construction areas (previously graded areas inactive for 10 days or more)	Geologist/Engineer to monitor construction activity and direct hydroseeding or soil stabilizing efforts, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	If graded areas remain inactive for 10 consecutive days, hydroseeding or application of soil stabilizers will be conducted
Enclose, cover, water twice daily, or apply (nontoxic) soil binders to exposed stockpiles (e.g., dirt, sand)	Geologist/Engineer to inspect and maintain stockpiles covers biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	When stockpiles are present on the Project Site
Limit speeds on unpaved roads to 15 mph	Project Engineer to provide regular advisories to workers on equipment operations and monitor equipment use daily; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of mobilization, and as necessary during project activities
Install sandbags or other erosion control measures to prevent silt runoff to public roadways	Geologist/Engineer to monitor/supervise the placement and construction of erosion control measures and inspect biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of earthwork activities, including areawide clearance and grading

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Replant vegetation in disturbed areas as quickly as possible	Applicant, assisted by qualified biologist, to comply with monitoring and reporting requirements established in the revegetation plan, including revegetation timeframes established in the plan	DTSC/DFG	Replant vegetation as specified in the mitigation and monitoring plan developed for the revegetation of grassland habitat (see Mitigation Measure 7-5)
Install wheel washers for all existing trucks, or wash off the tires or tracks of all trucks and equipment leaving the site, if mud or loose soil is present	Project Engineer to provide regular advisories to workers on equipment operations and procedures; monitor equipment use daily; Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Install wheel washer prior to truck use on the Project Site; wash tires and tracks before trucks or equipment leaves the Project Site
Suspend excavation and grading activity when winds (instantaneous gusts) exceed 25 miles per hour	Project Engineer to monitor weather conditions and discontinue operations during unfavorable conditions; Project Engineer to report on compliance during weekly meetings, if necessary	City of Benicia Public Works Department, Engineering Division	Throughout project activities
Trucks hauling contaminated soil for disposal off site will be tarped to prevent fugitive emissions of soil contaminants	Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Any time trucks are used to haul contaminated soil

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
6-2: Implementation of measures to minimize exhaust emissions from construction equipment (listed by activity): Use less polluting equipment/methods that can accomplish the activity Specify stringent equipment air emissions Advise operators to use only the necessary power to accomplish the activity Keep equipment well maintained to minimize air emissions Have equipment powered down or turned off when not in use	Project Engineer to provide regular advisories to workers on equipment operations and monitor equipment use daily; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of each project activity and use of construction equipment
6-3: Restrictions of weather conditions on BIP to avoid damage to local residences from a detonation	OE Safety Manager and SUXOS to determine if unfavorable weather conditions exist prior to BIP activities; Project Engineer to report on compliance during weekly meetings, if necessary	DTSC/USACE	During OE surface clearance, point clearance, and areawide clearance activities

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Biological Resources			
7-1: Implement erosion and sediment control measures to limit or prevent soil erosion and manage or control the movement of mobilized sediment, limit storm water runoff, and protect water quality from increased sedimentation and contaminated soil in storm water runoff (listed by activity)			
Construct drainage swales to collect surface runoff and direct it away from disturbed surfaces	Geologist/Engineer to design and supervise the construction of swales; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of, and during, earthwork activities, including areawide clearance and grading
Use sandbags and small check dams to control and direct flows away from disturbed surfaces, as well as to contain sediment particles that are dislodged	Geologist/Engineer to supervise the placement and construction of dams; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of, and during, earthwork activities, including areawide clearance and grading

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Use earthen dikes to slow the flow of water and reduce its potential for erosion as well as to contain sediment	Geologist/Engineer to supervise placement and construction of dikes; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of, and during, earthwork activities, including areawide clearance and grading
Use subsurface drains to reduce the buildup of shallow subsurface water and reduce the potential slumping and sloughing of large amounts of soil which would then be available for erosion by surface water	Geologist/Engineer to supervise placement and construction of drains	City of Benicia Public Works Department, Engineering Division	Prior to placement of material in the upslope swales area
Place riprap along vulnerable channels and slope surfaces	Geologist/Engineer to supervise placement of riprap; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of earthwork activities, including areawide clearance and grading, during the course of earthwork activities, if areas of potential erosion are identified

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Use straw bales, silt fences, and sandbag barriers to slow flows and promote sediment deposition	Geologist/Engineer to supervise placement and construction activities; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of earthwork activities, including contaminated soil excavation/stockpiling, areawide clearance, and grading
Use sediment traps and sediment basins to collect sediment and prevent it from being transported downstream	Geologist/Engineer to supervise placement and construction activities; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of earthwork activities, including areawide clearance and grading
Grade surfaces so that runoff is directed to sediment control structures	Geologist/Engineer to supervise grading operations; Project Engineer inspect weekly and report during weekly meetings, if necessary	City of Benicia Public Works Department, Engineering Division	During areawide clearance and grading activities
Conduct grading activities during the dry season (typically from March 15 through October 15 only)	Project Engineer to submit project schedule showing areawide clearance and grading activity dates to be conducted in the dry season	City of Benicia Public Works Department, Engineering Division	Prior to the start of areawide clearance and grading

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Install erosion control structures and hydroseed prior to the rainy season	Geologist/Engineer to supervise the placement and construction of erosion control structures; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of ground-disturbing activities on any area of the Project Site
Inspect and maintain erosion control structures regularly	Geologist/Engineer to inspect and maintain biweekly; Biologist to inspect monthly during rainy season and during other periods when the nature of project activities reasonably require; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	During earthwork activities, including soil rededication, areawide clearance, and grading
Design erosion control measures and structures according to the standards of the Association of Bay Area Governments and Solan County	Geologist/Engineer to design and supervise the construction of erosion control measures and structures; Project Engineer to inspect bi-weekly and report on compliance during weekly meetings, if necessary	City of Benicia Public Works Department, Engineering Division	Prior to the installation of erosions control measures and structures

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Maintain vegetative buffer strips of existing vegetation adjacent to natural stream channels or downslope from cleared areas to retard flow and capture sediment carried by sheet flow	Engineer, in consultation with qualified biologist, to designate vegetation buffer locations; Applicant to maintain buffers throughout project activities unless portions of the buffer must be removed in order to perform OE clearance activities as specified in the OE RED; Project Engineer to inspect bi-weekly and report on compliance during weekly meetings, if necessary	City of Benicia Public Works Department, Engineering Division	Establish buffer strips during vegetation clearance activities and maintain vegetation throughout ground-disturbing activities
7-2: Protection of water quality and aquatic habitat through regular maintenance activities to prevent soil, petroleum products, and litter from accumulating on the Project Site and degrading water quality through surface runoff	Project Engineer to establish regular procedures for fueling of equipment and collection of trash and debris; designate fueling and collection areas away from wetlands and water bodies; and perform regular monitoring of fueling and collection procedures. Project Engineer to report on compliance during weekly meetings, if necessary; monthly site visit from DTSC and/or City of Benicia official	DTSC/City of Benicia Public Works Department	Establish procedures prior to the start of mobilization; monitor fuel and collection procedures daily

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
7-3: On-site biological monitoring to allow the project biologist to oversee all aspects of construction monitoring that pertain to biological resources protection	Qualified biologist to review grading plans and provide oversight for all aspects of construction monitoring that pertain to biological resources protection; ensure that all sensitive habitats are clearly marked on all project maps; regularly inspect and maintain erosion control devices; develop contractor education program for biological resources on the Project Site; conduct regular program briefings with workers; Project Engineer to report on compliance during weekly meetings, if necessary	DTSC/DFG/City of Benicia Public Works Department, Engineering Division	All grading plans and project maps will be reviewed prior to their implementation and use on the Project Site; inspection and maintenance of erosion control devices will occur biweekly; contractor education program will be designed prior to the start of mobilization; program briefings will occur periodically prior to project workers beginning activities on the site
7-4: Pre-construction marsh bird survey to determine if the tricolored blackbird, saltmarsh common yellowthroat, or northern harrier nesting sites are present and to ensure that impacts to nesting habitat and disturbance to breeding pairs are avoided and minimized	Qualified biologist to conduct survey, flag nesting sites, publish a findings report, and submit report to DTSC and the City of Benicia; Project Engineer to direct project activities away from sites until nesting period is over and young have left the nest, to the maximum extent possible; Project Engineer to report on compliance during weekly meetings, if necessary	DTSC	Survey will be conducted at the optimal time when nesting birds are likely to be detected; the optimal time will be determined by a qualified biologist; findings will promptly be provided to DTSC and the City of Benicia; avoidance of nesting sites will occur throughout project activities

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
7-5: Revegetation of grassland habitat to reestablish annual grasslands removed or disturbed during project activities, reduce the long-term visual impact of project activities, control soil erosion and sedimentation, limit storm water runoff, and protect water quality from increased sedimentation and contaminated soil in storm water runoff Use soil retention blankets and mulches in conjunction with hydroseeding to reestablish vegetation on graded areas In consultation with DFG, develop a detailed 5-year mitigation and monitoring plan for the revegetation of grassland habitat on the Project Site. The plan will include methods for enhancement or restoration of the impacted grasslands. The plan may include restoration of nonnative grasses and/or may include native plants provided that the biologist hired by the applicant determines, in consultation with DFG, that native plants can successfully be	Applicant, assisted by qualified biologist, to comply with monitoring and reporting requirements established in the revegetation plan; Project Engineer to report on compliance during weekly meetings, if necessary	DTSC/DFG/City of Benicia Public Works Department, Engineering Division	Hydroseed within 30 days of completion of grading activities; develop plan and gain approval, if required, from DFG prior to the start of grading activities

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
established, can achieve the goal of mitigating impacts to sensitive wildlife species that currently depend on the nonnative annual grasslands, and are otherwise feasible to use.			
7-6: Pre-construction survey for grassland avian species to determine if nesting sites are present and to ensure that impacts to nesting habitat and disturbance to breeding pairs are avoided and minimized	Qualified biologist to conduct survey, flag nesting sites, publish a findings report, and submit report to DTSC and the City of Benicia; Project Engineer to direct project activities away from sites to avoid destruction of the sites, to the maximum extent possible; applicant to consult USFWS and DFG regarding additional mitigation measures that may be required; Project Engineer to report on compliance during weekly meetings, if necessary	DTSC	Survey will be conducted at the optimal time when grassland avian species are likely to be detected; the optimal time will be determined by a qualified biologist; findings will promptly be provided to DTSC and the City of Benicia; avoidance of nesting sites will occur throughout project activities; initiate consultation with USFWS and DFG within 5 days of findings report submission

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
7-7: Restore marsh and riparian vegetation if Mitigation Measures 7-1, 7-2, and 7-3 fail to avoid long-term disturbance to marsh and riparian habitat, reduce the long-term visual impact of project activities, control soil erosion and sedimentation, limit storm water runoff, and protect water quality from increased sedimentation and contaminated soil in storm water runoff	If mitigation measure is determined to be necessary, qualified biologist/engineer to design and reconstruct the drainage area supporting the South Valley wetland; inspect and maintain the drainage area monthly for a period of six months to ensure that measures are not failing; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Drainage area restoration, if necessary, will be conducted within 30 days of project completion
7-8: Implement wetland permit requirements In consultation with DFG, the RWQCB, and USACE Regulatory, if applicable, develop a detailed 5-year mitigation and monitoring plan to compensate for the loss of 0.093 acre of the North Valley jurisdictional wetlands and the 0.122 acre of South Valley seep wetland	Applicant, assisted by qualified biologist, to comply with mitigation and monitoring requirements established in the wetland mitigation and monitoring plan; Project Engineer to report on compliance during weekly meetings, if necessary	DFG/RWQCB/USACE Regulatory (ensure permit requirements are implemented)/ DTSC (ensure Applicant obtains permit)	Consult with DFG, RWQCB, and USACE Regulatory within 30 days following completion of all rededication activities; implement requirements established in the wetland mitigation and monitoring plan according to a schedule outlined in the plan

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Cultural Resources			
8-1: Cease work and consult the SHPO if previously undetected archaeological remains are found during excavation or other project activities to avoid long-term impacts to cultural and paleontological resources on the Project Site	Project Engineer to report any previously undetected archaeological remains to a qualified archeologist; archaeologist to inspect the site and determine if it is potentially eligible for inclusion in the California Register; report findings to the City of Benicia; if potentially eligible, archeologist to initiate consultation with the California SHPO; Project Engineer to report on compliance during weekly meetings, if necessary	City of Benicia/SHPO	If any previously undetected archaeological remains are discovered, cease work immediately; archaeologist to report affirmative findings to the City of Benicia and initiate consultation with SHPO prior to work resuming on the Project Site; report negative findings to the City of Benicia within 7 days of inspection
Geology and Soils			
9-1: Obtain NPDES Permit and implement permit requirements to control erosion and prevent contaminated soils from leaving the site during excavation activities	Geologist/Engineer to supervise the placement and construction of erosion control measures; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request; Project Engineer to verify that NPDES permit was issued prior to the start of grading activities	DTSC (ensure Applicant obtains NPDES permit)/ RWQCB (oversee implementation of NPDES permit requirements)	Prior to excavation of soils

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
9-2: Implement engineering controls during grading activities to minimize the potential for landslides or soil instability	Geologist/Engineer to supervise the placement and construction of erosion control measures; inspect and maintain biweekly; record inspection results and maintenance activities in a log made available to DTSC and/or the City of Benicia upon request	DTSC/City of Benicia Public Works Department, Engineering Division	Prior to the start of areawide clearance or grading activities
9-3: Reestablish topsoil through revegetation of the site	Applicant, assisted by qualified biologist, to hydroseed graded areas; monitor hydroseeded areas for establishment of vegetation; import topsoil or implement other appropriate measures, if hydroseeding is not successful within 2 years from the time of application; Project Engineer to report on compliance during weekly meetings, if necessary	City of Benicia Public Works Department, Engineering Division	Initial hydroseeding to be conducted within 30 days after completion of grading activities; evaluate success of vegetation establishment 2 years after initial hydroseeding; import topsoil or implement other appropriate measures, within 30 days of 2-year evaluation, if necessary

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Hazards and Hazardous Materials			
10-1: Implement a Voluntary Separation Distance (VSD) based on maximum fragmentation distances to further reduce the risk to public health and safety caused by an accidental detonation	Applicant to implement a VSD and, when it is in effect, provide hospitality and other services to residents and businesses within the VSD comparable to those provided to residents within the MSD; regular site visits from DTSC and/or City of Benicia official, as requested	City of Benicia	During times when an MSD is in effect
10-2: Repair or replace property damaged by detonation to mitigate potential hazards to private property	Applicant to designate a point-of-contact to assist residents with special needs; repair or replace damage in kind	DTSC	Point-of-contact to be designated prior to the start of mobilization; repair or replace damage as soon as practicable
Noise			
14-1: Minimize use of heavy equipment to reduce noise levels (listed by activity) Specify stringent equipment noise emissions corresponding to limits attainable by equipment in good working condition with high quality mufflers Perform noise certification testing on all construction equipment arriving on site; remove from	Project Engineer, assisted by a noise technician, to establish noise emission standards and monitor compliance with standards; perform certification testing on all equipment; record results of testing in a log made available to DTSC and/or the City of Benicia upon request; provide regular advisories to workers on equipment operations and monitor equipment use daily; Project Engineer to report on	DTSC/City of Benicia Planning Department	Establish noise emission standards and perform certification testing prior to the start of equipment use

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service all equipment failing the certification testing Advise operators to use only the necessary power to accomplish the activity Use adjustable back-up alarms at the lowest setting that safety requirements will permit Keep all equipment powered down or turned off when not in use A technician will be on site to monitor equipment noise emissions and compliance Avoid the use of engine braking (compression braking) by heavy trucks on site and on access roads	compliance during weekly meetings, if necessary		

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
14-2: Use alternate transportation route to reduce noise levels on Rose Drive from hauling contaminated soil off site and avoid the incompatible use of streets by construction traffic Direct construction traffic to use alternative route off the Project Site Install signs along Rose Drive and East Second Street to direct traffic to the alternate route, if approved by the City of Benicia Implement other traffic control measures as directed by the City of Benicia to facilitate turns from Industrial Way onto East Second Street	Project Engineer to provide regular advisories to workers on appropriate construction routes; monitor construction traffic routes and the installation of traffic signs, as directed by the City of Benicia; Project Engineer to report on compliance during weekly meetings, if necessary	City of Benicia Public Works Department, Engineering Division	Alternate transportation route to be used throughout project activities, if possible; installation of signs prior to the start of mobilization, if approved by the City of Benicia; implement other traffic control measures directed by the City of Benicia, upon request
14-3: Delay Occupancy of Houses along McAllister Drive in Unit D-1 to avoid traffic noise impacts to future residents	Applicant to allow occupation of Unit D-1 homes after completing phases of the project that generate truck traffic on McAllister Drive for transport of soils offsite	City of Benicia, Public Works Department	From commencement of the project until project activities generating truck traffic on McAllister Drive for transport of soils offsite are completed

Mitigation Measure	Monitoring or Reporting Procedure	Oversight Responsibility	Mitigation Schedule
Recreation			
17-1: Coordinate with City of Benicia Parks Department regarding enforcement of the MSD on City parkland to allow for a timely and safe withdrawal of recreation users from parkland areas and compensate for the incompatibility of project activities with adjacent land uses	Applicant to provide regular updates to the Parks Department via the City of Benicia regarding anticipated dates of withdrawal, areas falling within the MSA, and general withdrawal and relocation procedures; Project Engineer to report on compliance during weekly meetings, if necessary	City of Benicia Parks and Community Services Department	Prior to implementation of an MSD on City parkland

BAAQMD = Bay Area Quality Management District
BIP = blow in place
DFG = Department of Fish and Game
DTSC = Department of Toxic Substances Control
MSA = Minimum Separation Area
MSD = Minimum Separation Distance
NPDES = National Pollutant Discharge Elimination System
OE = ordnance and explosives
PM_{10} = particulate matter equal to or less than 10 microns in diameter
RDD = Remedial Design Document
RWQCB = Regional Water Quality Control Board
SHPO = State Historic Preservation Officer
SUXOS = Senior Unexploded Ordnance (UXO) Supervisor
USACE = U.S. Army Corps of Engineers
USFWS = U.S. Fish and Wildlife Service
VSD = Voluntary Separation Distance

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